



Arolla Aqua

Shield Family (IP66)



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Imagine a moving-head fixture so cool that it sets a new standard for professionals who want **top-notch performance, compactness, weather reliability** even on the open sea, **and an unbeatable cost-performance ratio**. In a world where your wishes become reality, Arolla Aqua is the lighting genie you've been dreaming of. Arolla Aqua isn't just powerful and economical; it's a creative treasure chest. Rotating gobos, animation wheels, a framing system, and a versatile color section grant endless possibilities to bring your lighting visions to life. **Why choose Arolla Aqua: Compact Design:** In the world of lighting design, size and power are critical considerations. Arolla Aqua combines powerful performance with a compact form, making it the ideal choice for many setups. **Superior performance:** Arolla Aqua provides lighting designers with a high-power yet lightweight solution. This enables precise control over the lighting environment, fostering creativity and versatility. **Performance-to-cost Ratio:** With an exceptional cost-to-performance ratio, it sets a new standard for efficiency, allowing designers to achieve their artistic vision without compromising on quality. **IP66 rating – Shield Family:** Arolla Aqua boasts an impressive IP66 rating, ensuring its resilience in various weather conditions. This feature grants lighting designers the freedom to explore creative possibilities in both indoor and outdoor settings. **Go-Bright Technology:** It ensures consistent brilliance, with no light loss or color shifts, providing lighting designers with a broad palette of options to craft visually stunning and dynamic lighting compositions, so that your colors stay vibrant and true. **Wide range of effects:** The fixture boasts an effects section including two gobo wheels, a four-sided prism, and a 16-blade motorized iris, enabling a wide range of creative lighting possibilities to create mesmerizing effects. Plus, it comes with a soft edge frost filter, flood frost effect, and a super-precise digital dimmer to set the mood just right. Arolla Aqua is the perfect synergy of advanced technology, performance, and creative versatility. Because the best compromise is no compromise.

Specifications

- **Light Source**
custom 900W white LED engine (7000 K)



- **Light Output**
40,000 lm
- **Zoom range**
5.5°-50° (9:1) linear zoom
- **Effects**
16-bit CMY color mixing; Linear CTO; Six-color wheel (including high CRI filter); 7 HD interchangeable rotating gobos; 8 HD interchangeable static gobos; Go-Bright Technology: no light loss or colour shift when gobos are inserted into the beam; Animation wheel; Four-sided rotating prism; 16-blade motorized iris; Framing system: four focal planes, +/- 60° rotation and macro channel control; Soft edge frost and flood frost filters; 24-bit digital dimmer with 4 user-selectable dimming curves; Digital stop-strobe effect

Light Source Type

Source type

900W White LED Engine

CRI

70+ with selectable filter for CRI 88+

Color temperature

6500K

LED life expectancy

40.000 hrs*

*It may vary depending on various factors, as type of use and environment

Photometric Data

Zoom range

5.5°- 50°

Lumen Output

40360 (Integrating Sphere)

**Front lens diameter**

Ø 140 mm

Optical system

high efficiency

Noise Level

- Theatre fan mode: 40.0 dBA
- SLN fan mode: 42.3 dBA
- Constant fan mode: 50.2 dBA
- Auto fan mode: 50.3 dBA

Control and Connections**Personalities**

Single mode with 38/41 control channels

Integrated Wireless DMX system

Standard (Wireless Solution / Lumen Radio)

Control protocol

DMX, Art-Net, RDM, sACN

DMX and RDM connectors

Locking 5 pin XLR IN/OUT

Ethernet port

RJ45 IN

Power connector

PowerCon True1 IN/OUT



Web Server

Built In

Dynamic Effects

Colors

- Linear CMY color mixing
- Linear CTO
- Fixed color wheel with 6 dichroic colors

Gobos

- 1 Static gobo wheel with 8 replaceable gobos
- 1 Rotating gobo wheel with 7 HD Indexable and replaceable gobos
- Ext diam. 26.95mm
- Image diam. 20.5mm
- Thickness 1.1mm

Framing system

- 4 blades with +/- 60° rotation of the full system
- "Total Curtain" effect allowing the full blackout with each single blade
- Built In macros

Frost

- Linear heavy frost 5° for wash effect
- Light frost 1° for soft diffusion

Rotating Effects

- Aluminum animation wheel with continuous rotation in both direction at variable speed
- 4 Facets prism with rotation in both direction at variable speed

Iris

Motorized with variable pulse and random effects

Movement

- Tilt: 270° – 16bit
- Pan: 540° – 16bit



- Automatic repositioning
- P/T Smooth speed selectable by Function channel
- Mechanical Pan/Tilt lock for safe transportation and maintenance

Beam

Motorized Zoom and Focus

Dimmer/Shutter

- High resolution electronic Dimmer – 24 bit
- 5 selectable by Function channel
- Shutter and Strobe effect

Hardware and Software

- Long life self-charging battery
- Display Graphic LCD backlit b/w Display
- Firmware upload from another fixture
- Firmware Upgrade via Web Server
- Diagnostic
- DMX monitoring
- Remote access through RDM
- CloudIO compatibility

Housing

- Magnesium and steel structure with plastic covers
- Two side handles for transportation
- IP66 protection rate

Working Position

- Working in any position
- Hanging system: with fast-lock omega clamps (1/4 turn) on the base
- Optional safety chain

Electrical

Operating Voltage

100-240V, 50/60 Hz

Power Supply

Electronic auto range with active PFC



	Max Power consumption	1100VA
Thermal Specification	Max ambient temperature	45°C (113°F)
	Min ambient temperature	-20°C (-4°F)
	Max temperature of the external surface	90°C (194°F)
	Total heat dissipation	4782 BTU/hr ±10% / 5040 kJ/hr ±10%
Safety Specs	Minimum distance of illuminated objects	2.5 m (8'2" In)
	Minimum distance from flammable materials	0.2 meters (8")
	Fuse	T6.3A – 250V
	Thermally protected power supply (overheating and cooling failure)	
	Forced ventilation with axial fans	



Compliance [Expected]

CE Marking (in conformity to the following)

- 2014/35 EU Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU Electromagnetic compatibility of equipment (EMC)
- 2011/65/EU Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC EcoDesign requirements for Energy related Products (ErP)

UKCA conforms to UK regulations

- S.I. 2016 N. 1101
- S.I. 2016 N. 1091
- S.I. 2012 N. 3032
- S.I. 2021 N. 745

cMETus LISTED

- UL 1573:2003
- CSA C22.2 N. 166: 2015

Packaging

Carton box + Polystyrene

Carton box + Foam shell

Flight case + Foam shell (2 position)

Weight - Size

Weight

38.7 Kg (85.3 lbs)

Base dimensions

325x450mm

With vertical head (h)

750mm

Distance between two fixtures

700mm



Accessories

Omega clamps

2x183102-805 (included)

Power cord

CAB0NL-802 (included)

Foam shell

F21340-001 (optional)

Flight case 2 position

CF1024 (optional)

Safety Chain

105041-001 (optional)
